

Houston Pilots Forecast Package



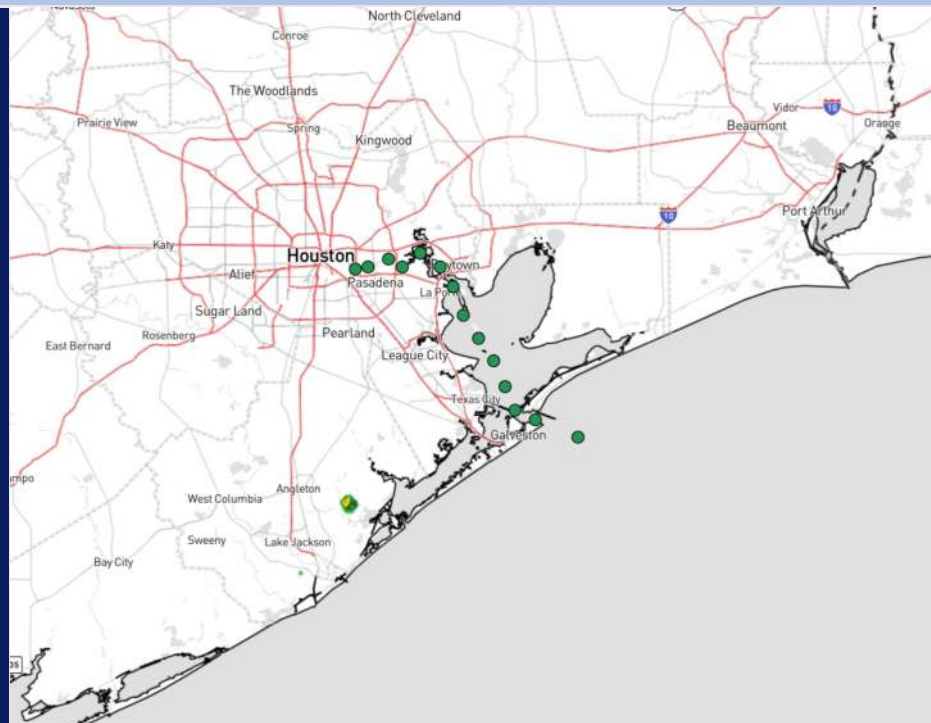
Updated: 11:15 PM CT

Wednesday, August 28, 2024

Forecaster: John Kemper

Weather Headlines

- Frequent periods of downpours / storms favored through weekend, with **~25 – 45 kt gusts in play.**
- Monitoring a gradual increase in tropical activity across the Atlantic over the next week or two.
- Not favoring any fog risks over the next few days.



Current Radar: 11:00 PM CT



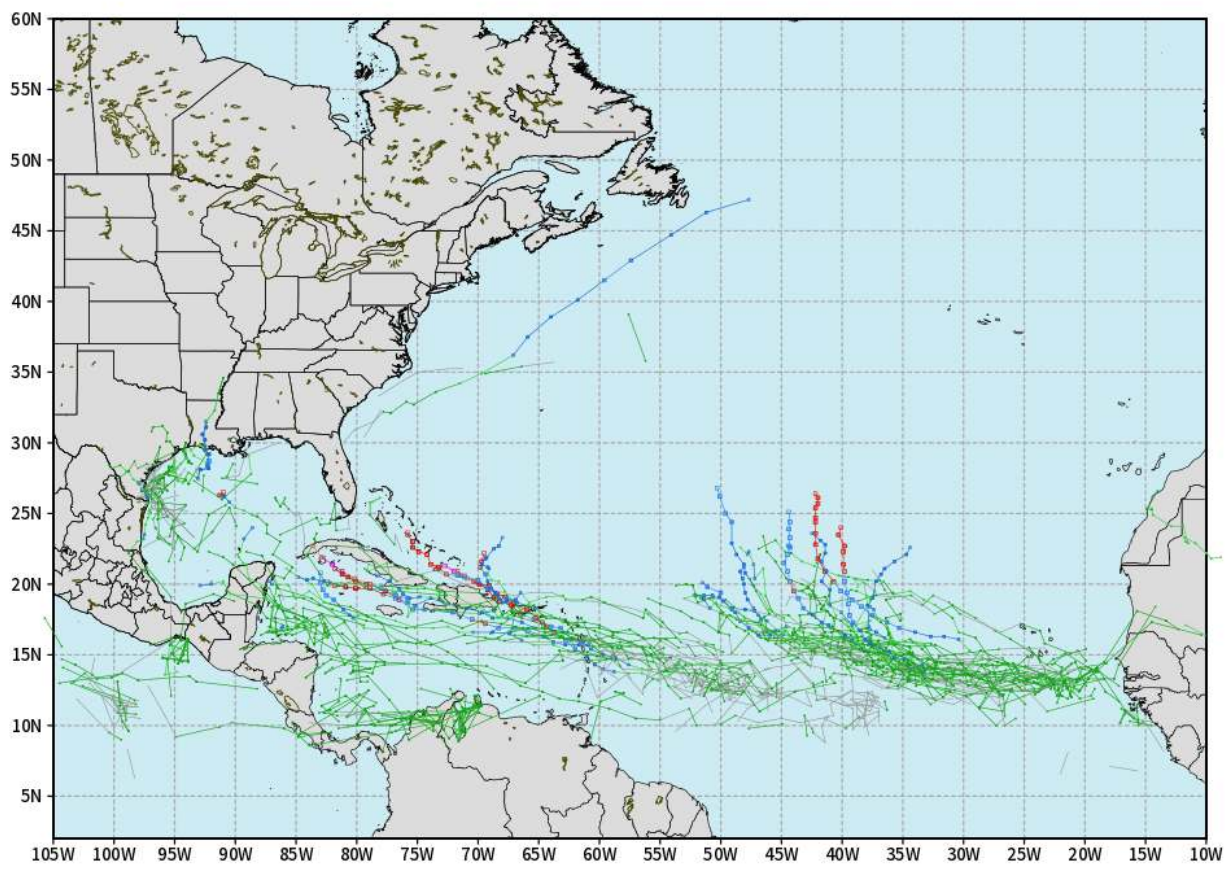
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z28AUG2024 --> UNTIL 12Z07SEP2024

o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



weathermodels.com

Monitoring very low-end potential for storm development in the Gulf of Mexico for this upcoming weekend, however not favoring any significant threats through at least the next 7 days.

Favoring Tropical System to Develop E of the Lesser Antilles early next week.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Thu 12 am	Thu 1 am	Thu 2 am	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm	Thu 11 pm
Houston Pilots N - 610 Bridge	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	4.9	7.9	6.9	9	9	7.9	9	10.1	10.1	10.1	10.1	10.1
Houston Pilots M - Kinder 1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	4.9	7.9	6.9	9	9	7.9	9	10.1	10.1	10.1	10.1	10.1
Houston Pilots L - Greens Bayou	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	4.9	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots K - Shell Crude	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	4.9	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots J - Lynchburg Ferries	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	4.9	6.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots I - Exxon 3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	3.9	4.9	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots H - Morgans Point	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	2	4.9	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots G - 75/76	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	2.5	7.9	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	10.1	7
Houston Pilots F - 63/64	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	2.5	9	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	10.1	8
Houston Pilots E - 51/52	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	2.5	3.9	10.1	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	10.1	8
Houston Pilots D - 37/38	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	7.9	10.1	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	10.1	9
Houston Pilots C - 25/26	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9
Houston Pilots B - 11/12	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9
Houston Pilots A - 1 & 2 Bravo	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	10.1	12

NOTE: This is automated data that may/may not agree with the official B.A.M. thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Sustained wind 10 Knots
 Gusts 15 Knots
 Wind from the SE

Example

10
15
↙

Wind	Thu 12 am	Thu 1 am	Thu 2 am	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm	Thu 11 pm
Houston Pilots N - 610 Bridge	3 7 ↙	3 6 ↙	3 6 ↙	2 6 ↙	3 6 ↙	3 7 ↙	3 7 ↙	3 7 ↙	3 8 ↙	5 9 ↙	6 10 ↙	6 12 ↙	6 13 ↙	7 15 ↙	8 15 ↙	8 16 ↙	8 16 ↙	8 17 ↙	8 16 ↙	8 16 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 10 ↙
Houston Pilots M - Kinder 1	3 7 ↙	3 6 ↙	3 6 ↙	2 6 ↙	3 6 ↙	3 7 ↙	3 7 ↙	3 7 ↙	3 8 ↙	5 9 ↙	5 10 ↙	6 12 ↙	6 13 ↙	7 15 ↙	8 15 ↙	8 16 ↙	8 16 ↙	8 17 ↙	8 16 ↙	8 16 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 12 ↙
Houston Pilots L - Greens Bayou	3 7 ↙	3 6 ↙	3 6 ↙	2 6 ↙	3 6 ↙	3 7 ↙	3 7 ↙	3 7 ↙	3 8 ↙	3 9 ↙	5 10 ↙	6 13 ↙	6 13 ↙	7 14 ↙	8 15 ↙	8 16 ↙	8 16 ↙	8 17 ↙	8 16 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 12 ↙	5 10 ↙
Houston Pilots K - Shell Crude	3 7 ↙	3 6 ↙	3 6 ↙	3 6 ↙	3 6 ↙	3 7 ↙	3 7 ↙	3 7 ↙	3 8 ↙	3 9 ↙	5 10 ↙	6 13 ↙	6 13 ↙	7 14 ↙	8 15 ↙	8 15 ↙	8 16 ↙	8 17 ↙	8 16 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 12 ↙	5 10 ↙
Houston Pilots J - Lynchburg Ferries	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	3 7 ↙	3 7 ↙	3 8 ↙	3 9 ↙	5 10 ↙	6 13 ↙	6 13 ↙	7 14 ↙	7 14 ↙	8 15 ↙	8 15 ↙	8 17 ↙	8 16 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 12 ↙	5 10 ↙
Houston Pilots I - Exxon 3	6 9 ↙	6 9 ↙	6 9 ↙	6 9 ↙	6 9 ↙	6 9 ↙	6 9 ↙	7 9 ↙	7 10 ↙	7 12 ↙	8 12 ↙	8 14 ↙	8 14 ↙	9 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	10 17 ↙	12 17 ↙	10 17 ↙	10 16 ↙	10 15 ↙	10 14 ↙	9 14 ↙
Houston Pilots H - Morgans Point	7 10 ↙	7 9 ↙	7 10 ↙	6 9 ↙	6 9 ↙	6 9 ↙	6 9 ↙	6 9 ↙	7 10 ↙	7 12 ↙	8 13 ↙	8 14 ↙	8 14 ↙	9 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 17 ↙	10 16 ↙	10 15 ↙	10 14 ↙	10 13 ↙
Houston Pilots G - 75/76	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 13 ↙	9 14 ↙	9 15 ↙	9 15 ↙	9 15 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 17 ↙	12 18 ↙	12 18 ↙	12 17 ↙	12 16 ↙	12 15 ↙	10 14 ↙
Houston Pilots F - 63/64	8 13 ↙	8 12 ↙	8 13 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 13 ↙	9 14 ↙	9 15 ↙	9 15 ↙	9 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 18 ↙	12 18 ↙	12 17 ↙	12 16 ↙	12 15 ↙	10 14 ↙
Houston Pilots E - 51/52	8 13 ↙	8 13 ↙	8 13 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 13 ↙	9 14 ↙	10 15 ↙	10 15 ↙	10 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 18 ↙	12 18 ↙	12 17 ↙	12 16 ↙	12 15 ↙	10 14 ↙
Houston Pilots D - 37/38	8 13 ↙	8 13 ↙	8 13 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 13 ↙	9 14 ↙	10 15 ↙	10 15 ↙	10 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 18 ↙	12 18 ↙	12 17 ↙	12 16 ↙	12 15 ↙	10 14 ↙
Houston Pilots C - 25/26	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 12 ↙	8 13 ↙	9 14 ↙	10 15 ↙	10 15 ↙	10 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 17 ↙	12 17 ↙	12 17 ↙	12 16 ↙	12 15 ↙	10 14 ↙
Houston Pilots B - 11/12	8 13 ↙	8 13 ↙	8 13 ↙	7 13 ↙	7 12 ↙	7 12 ↙	7 12 ↙	7 12 ↙	7 12 ↙	7 13 ↙	8 14 ↙	8 15 ↙	8 15 ↙	9 15 ↙	10 16 ↙	10 17 ↙	10 17 ↙	10 17 ↙	10 17 ↙	10 17 ↙	10 17 ↙	10 16 ↙	10 15 ↙	10 14 ↙
Houston Pilots A - 1 & 2 Bravo	9 15 ↙	9 14 ↙	9 14 ↙	9 14 ↙	9 14 ↙	9 14 ↙	9 14 ↙	9 14 ↙	9 14 ↙	10 15 ↙	10 15 ↙	10 15 ↙	10 15 ↙	10 16 ↙	10 16 ↙	10 17 ↙	10 17 ↙	10 17 ↙	12 17 ↙	12 18 ↙	13 18 ↙	13 17 ↙	13 16 ↙	13 15 ↙

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only.

Houston Pilots: THU. 8/29/2024



Forecast Discussion

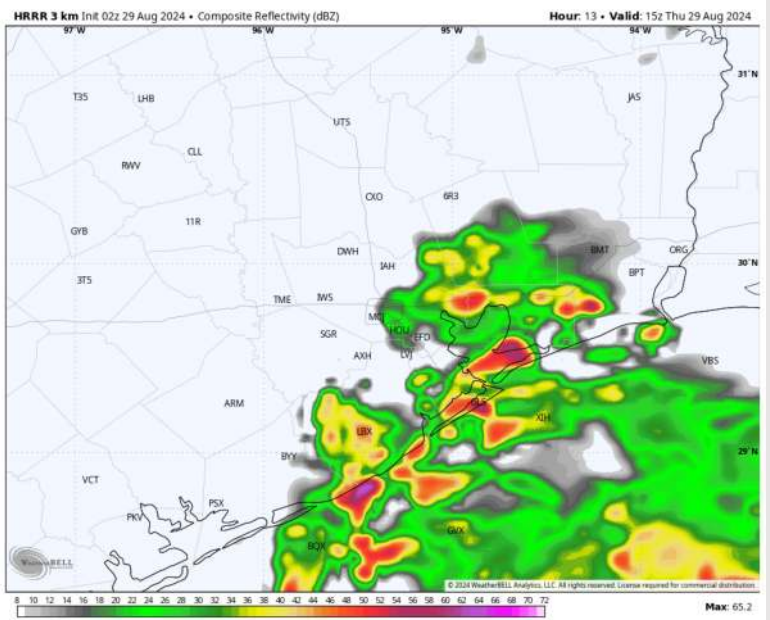
Precip: Showers / storms will be possible from 2AM – 10PM (60% chances for all stations). Greatest coverage from 9AM – 5PM. **Gusts of 25 - 35 kts will be possible with storms.**

Wind: Winds will be generally out of the S/SE throughout the day, although rather variable at times between waves of storms. **N of Morgan's Point:** Winds at 6 – 10 kts through all of today. **S of Morgan's Point:** Winds at 4 – 10 kts, increasing to 12 - 17 kts by 2 PM and through the rest of the day. **Non-Thunderstorm Gusts of up to 25kts can't be ruled out for the Boarding Station.**

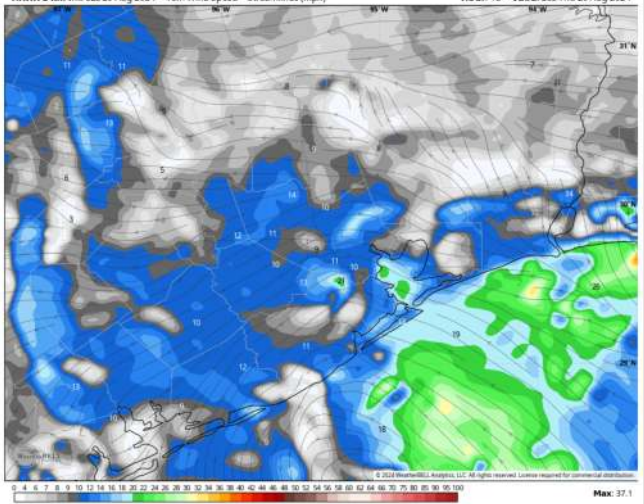
High Temps: **N of Morgan's Point:** Mid to Upper 80s. **S of Morgan's Point:** Mid 80s F.

Visibility: Not anticipating any fog concerns for today, however, reduced visibilities will be possible in heavy downpours.

Precip Image: 10 AM CT

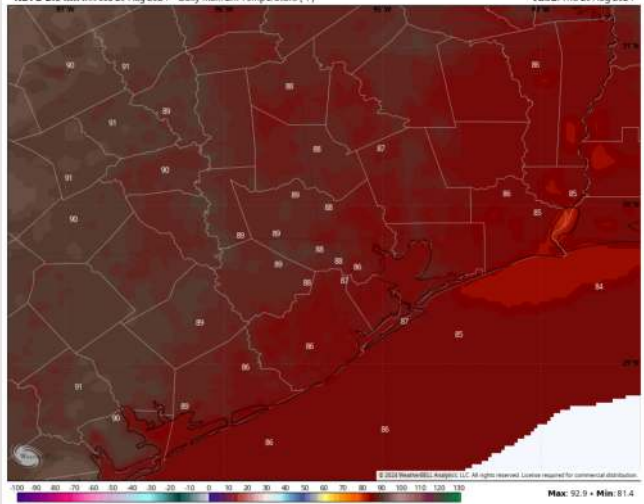


HRRR 3 km Init 02z 29 Aug 2024 • 10m Wind Speed • Streamlines (mph) Hour: 18 • Valid: 20z Thu 29 Aug 2024



Wind Speed
3 PM CT

NDFD 2.5 km Init 03z 29 Aug 2024 • Daily Max. 2m Temperature (°F) Valid: Thu 29 Aug 2024



High Temps
Today

Houston Pilots: FRI. 8/30/2024



Forecast Discussion

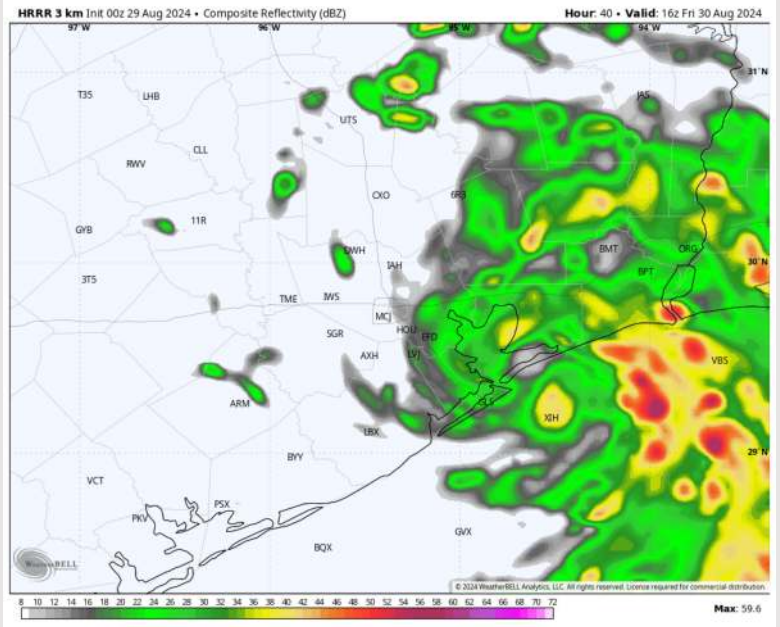
Precip: Favoring scattered showers/storms to be possible from 4AM to 8PM. Greatest coverage expected from 7 AM – 3 PM. Severe weather is not favored with these storms, however, **lightning and gusts of 30 – 40 kts will be possible.**

Wind: Winds will be out of the E/SE for the entire day on Friday. **N of Morgan's Point:** Winds will be at 5 – 11 kts throughout the day. **S of Morgan's Point:** Winds will be 12 – 17 kts throughout the day.

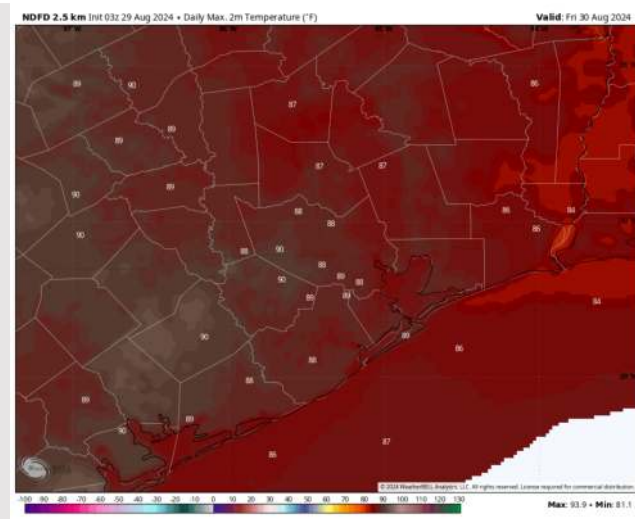
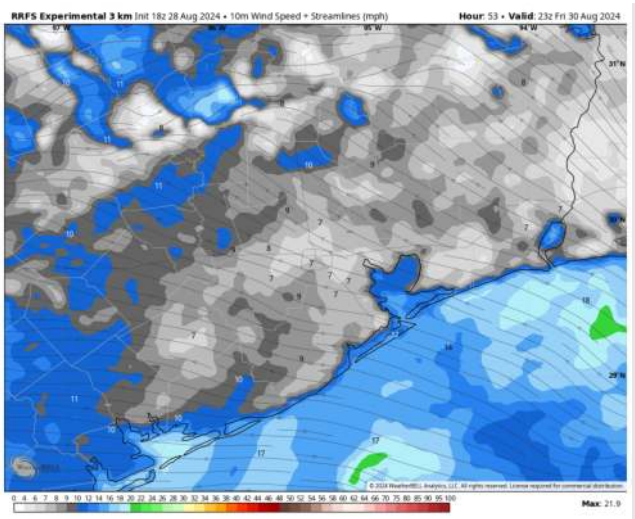
High Temps: **N of Morgan's Point:** Upper 80s. **S of Morgan's Point:** Mid 80s F.

Visibility: Not favoring any fog concerns for Friday, however, heavy downpours will reduce visibilities.

Precip Image: 11 AM CT



Wind Speed:
6 PM CT



High Temps
Friday

Houston Pilots: SAT. 8/31/2024



Forecast Discussion

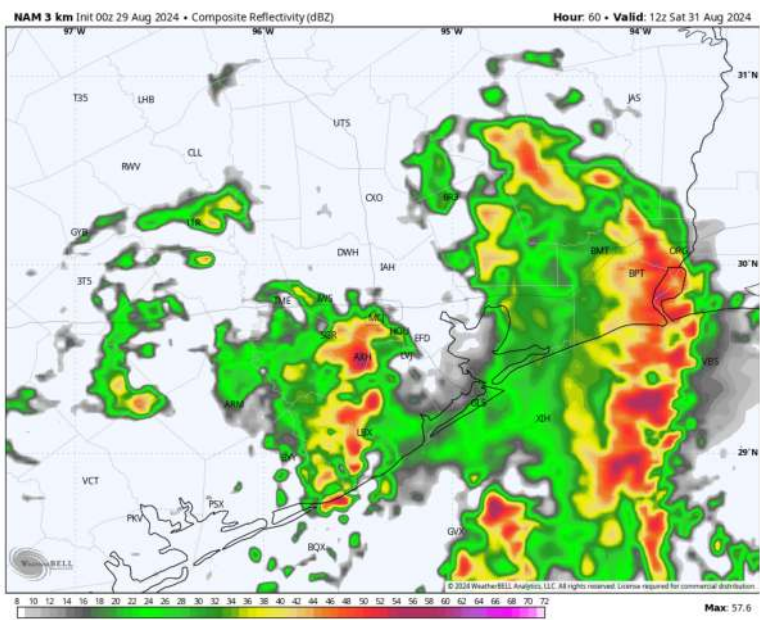
Precip: Scattered (50%) chances of downpours / storms will be possible from 2AM through 5PM, with the greatest coverage expected 4 AM – 11 AM. A few light showers in play after 5PM. **Wind gusts in storms can reach 35 - 45 kts.**

Wind: Winds will be out of the E/SE for much of the day. **N of Morgan's Point:** Winds at 4 – 8 kts throughout the day. **S of Morgan's Point:** Winds at 7 – 12 kts through Saturday.

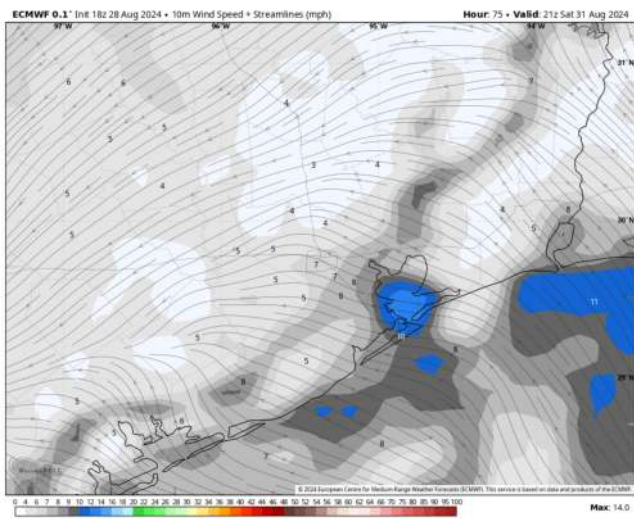
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Not anticipating any visibility concerns Saturday, however, visibilities can be reduced in heavy downpours.

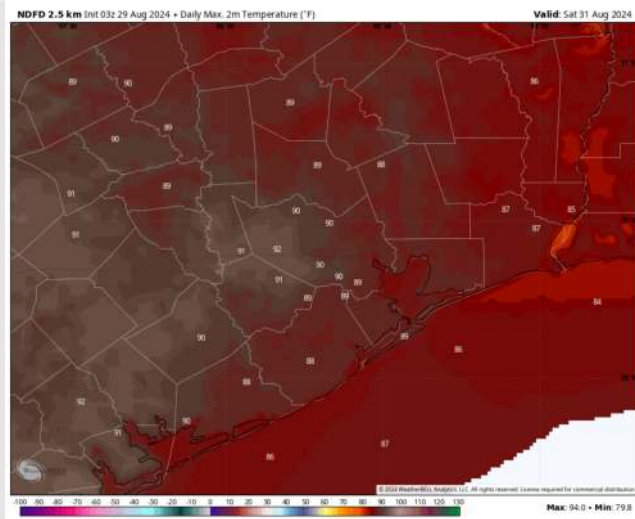
Precip Image: 7 AM CT



Wind Speed:
4 PM CT

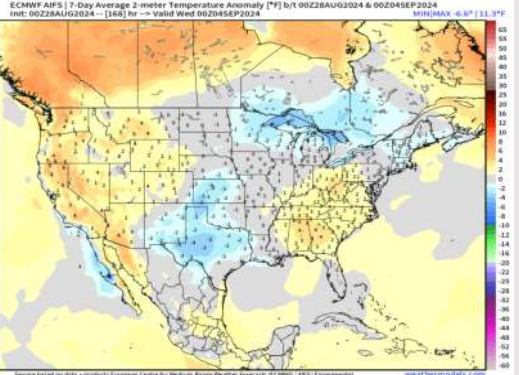


High Temps
Saturday

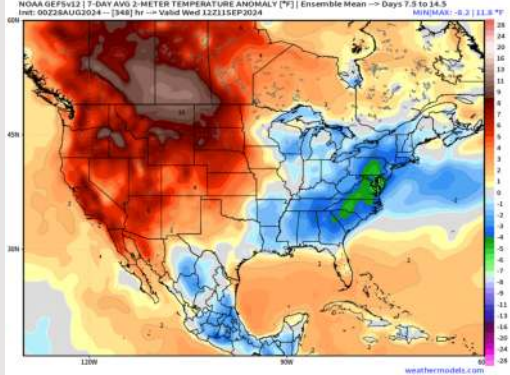


Houston Pilots: 8/29/24

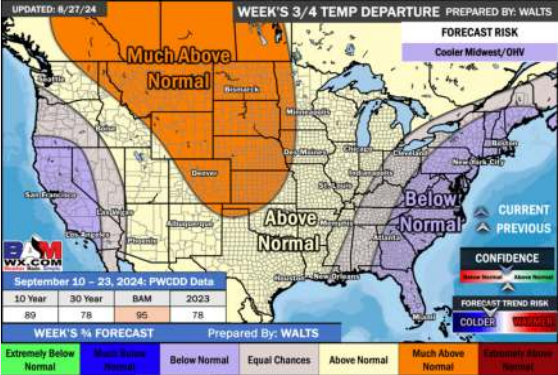
Next 7 Day Temperature Departure



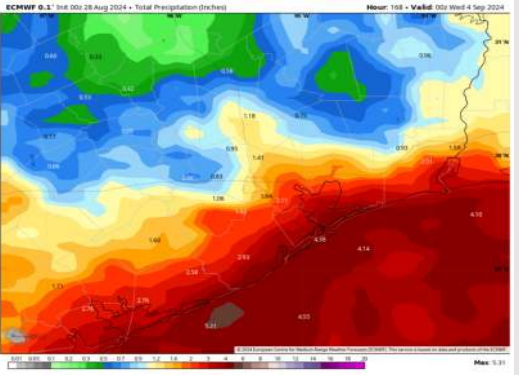
8-14 Day Temperature Departure



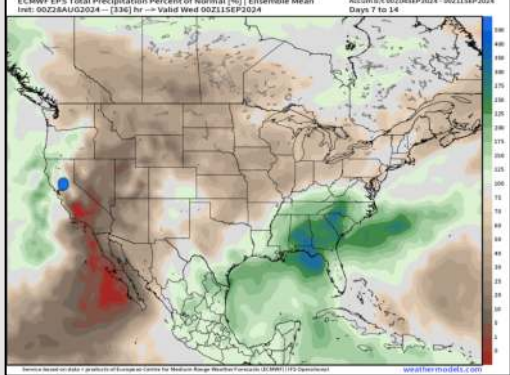
15-30 Day Temperature Departure



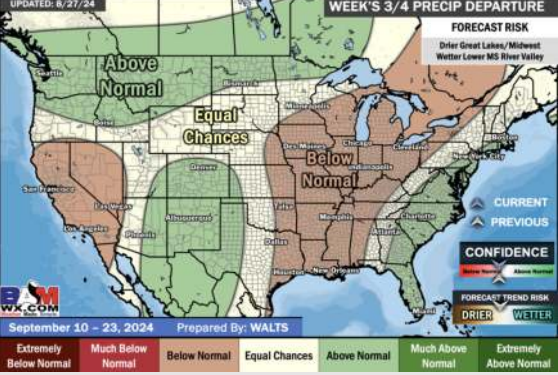
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be slightly below normal for the week 1 timeframe. Scattered rain chances are expected daily through the next week.
- Near normal temperatures are favored into week 2 with above average rain chances.
- Above normal temperatures and below average precipitation chances are expected for the weeks 3/4 timeframe. As we approach the beginning of September, Atlantic tropical activity looks to ramp up. We will be monitoring closely and providing updates as needed.